

**DECLARATION AND POWER OF ATTORNEY FOR
UNITED STATES LETTERS PATENT APPLICATION**

As below-named inventors, we, Osamah M. El Rifai and Kamal Youcef-Toumi, each hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled HEIGHT CALIBRATION OF SCANNING PROBE MICROSCOPE ACTUATORS, the specification of which is attached hereto and identified as Attorney Docket No. MIT-135PUS and MIT Case No. 9990.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

Country	Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Patent
Attorney Docket No. MIT-135PUS

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

Application Number	Date of Filing (month, day, year)	Priority Claimed Under 35 USC 119(e)
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No
		<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Date of Filing (month, day, year)	Status (Patented/Pending/Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Patent
Attorney Docket No. MIT-135PUS


I hereby appoint:

Christopher S. Daly	Reg. No. 37,303
Judith C. Crowley	Reg. No. 35,091
Donald F. Mofford	Reg. No. 33,740
Paul D. Durkee	Reg. No. 41,003
Richard M. Sharkansky	Reg. No. 25,800
David W. Rouille	Reg. No. 40,150
Kermit Robinson	Reg. No. 48,734
Robert V. Klauzinski	Reg. No. 42,742
Cathy L. Peterson	Reg. No. 41,249

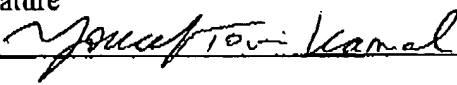
all of Daly, Crowley & Mofford, LLP, 275 Turnpike Street, Suite 101, Canton, Massachusetts 02021-2354, jointly, and each of them severally, my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all telephone calls and address all correspondence to:

Cathy L. Peterson
Daly, Crowley & Mofford, LLP
275 Turnpike Street, Suite 101
Canton, Massachusetts 02021-2354
Telephone no. (781) 401-9988 x27
Facsimile: (781) 401-9966

Full name of First Joint Inventor Osamah M. El Rifai	
Inventor's Signature 	Date 11/25/03
Residence 45 Pilgrim Street, #301, Cambridge, MA 02139	
Country of Citizenship Saudi Arabia	
Post Office Address (if different)	

Patent
Attorney Docket No. MIT-135PUS

Full name of Second Joint Inventor Kamal Youcef-Toumi	
Inventor's Signature 	Date November 25, 2003
Residence 25 Magnolia Avenue, Cambridge, MA 02138	
Country of Citizenship United States	
Post Office Address (if different)	

Q:\mit\135pus (9990 - El Rifai et al\mit-135pus Dec 21\Nov03.doc